

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE3AR1080VJZ	**Issued**	28. January 2020
MA#	MA001147698		
Package	PG-DIP-7-4	**Weight***	653.33 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	4.500	0.69	0.69	6887	6887
chip_2	inorganic material	silicon	7440-21-3	2.080	0.32	0.32	3183	3183
leadframe	inorganic material	phosphorus	7723-14-0	0.049	0.01		74	
	non noble metal	zinc	7440-66-6	0.194	0.03		297	
	non noble metal	iron	7439-89-6	3.884	0.59		5946	
	non noble metal	copper	7440-50-8	157.726	24.14	24.77	241417	247734
wire	noble metal	gold	7440-57-5	0.267	0.04	0.04	408	408
encapsulation	organic material	carbon black	1333-86-4	1.421	0.22		2176	
	plastics	epoxy resin	-	45.958	7.03		70343	
	inorganic material	silicondioxide	60676-86-0	426.411	65.27	72.52	652670	725189
leadfinish	non noble metal	tin	7440-31-5	6.460	0.99	0.99	9887	9887
plating	noble metal	silver	7440-22-4	1.911	0.29	0.29	2925	2925
glue	plastics	epoxy resin	-	0.371	0.06		568	
	noble metal	silver	7440-22-4	2.103	0.32	0.38	3219	3787
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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